

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 19329 | ((438/149) or (438/151) or (438/154) or (438/161) or (438/169) or (438/174) or (438/180) or (438/181) or (438/184) or (438/185) or (438/197) or (438/199) or (438/211) or (438/213) or (438/214) or (438/216) or (438/217) or (438/218) or (438/221) or (438/229) or (438/230) or (438/231) or (438/232) or (438/279) or (438/289) or (438/294) or (438/296) or (438/299) or (438/300) or (438/301) or (438/302) or (438/311) or (257/288) or (257/347) or (257/330) or (257/333) or (257/332) or (257/240) or (257/241) or (257/243) or (257/344)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/07 20:47 |
| L2    | 20    | 1 and (decade near10 concentration)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/07 21:42 |
| L3    | 5     | 1 and ((decade near10 concentration) near10 extension\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/07 20:55 |
| L4    | 6     | ((decade near10 concentration) near10 extension\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/07 20:58 |
| L5    | 1     | 4 not 3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/07 20:55 |
| L6    | 9     | ((decade near10 concentration) near10 abrupt\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/07 20:58 |

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| L7  | 1124 | (438/514).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/07 21:07 |
| L8  | 2    | 7 and (decade near10<br>concentration)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/07 21:07 |
| L9  | 1291 | (438/151).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/07 21:39 |
| L10 | 1    | 9 and (decade near10<br>concentration)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/07 21:40 |
| L11 | 255  | (438/153).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/07 21:41 |
| L12 | 0    | 11 and (decade near10<br>concentration)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/07 21:42 |
| S1  | 0    | ("10713971").PN.   | USPAT   | OR | OFF | 2005/02/01 12:28 |
| S2  | 1    | ("6677646").PN.  | USPAT   | OR | OFF | 2005/01/05 19:32 |
| S3  | 10   | ((("6429055") or ("6403433") or<br>("6225229") or ("6225173") or<br>("6187620") or ("6184097") or<br>("6010921") or ("5472897") or<br>("5468665") or ("5300447"))).PN. | USPAT   | OR | OFF | 2005/01/05 19:34 |
| S4  | 2    | ("0139273").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/05 19:35 |

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| S5  | 0     | ("Wo139273").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/05 19:50 |
| S6  | 16887 | ((438/149) or (438/151) or<br>(438/154) or (438/161) or<br>(438/169) or (438/174) or<br>(438/180) or (438/181) or<br>(438/184) or (438/185) or<br>(438/197) or (438/199) or<br>(438/211) or (438/213) or<br>(438/214) or (438/216) or<br>(438/217) or (438/218) or<br>(438/221) or (438/229) or<br>(438/230) or (438/231) or<br>(438/232) or (438/279) or<br>(438/289) or (438/294) or<br>(438/296) or (438/299) or<br>(438/300) or (438/301) or<br>(438/302) or (438/311) or<br>(257/288) or (257/347) or<br>(257/330) or (257/333) or<br>(257/332) or (257/240) or<br>(257/241) or (257/243) or<br>(257/344)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/07 20:37 |
| S7  | 3043  | S6 and (soi or (silicon adj on adj<br>insulator))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/05 20:17 |
| S8  | 221   | S7 and ((recess\$3 or trench\$3 or<br>groov\$3) near5 (channel or<br>(channel near2 region)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/05 20:19 |
| S9  | 645   | S7 and ((recess\$3 or trench\$3 or<br>groov\$3 or thin\$4) near5 (channel<br>or (channel near2 region)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/05 20:19 |
| S10 | 301   | S9 and (spacer\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/05 20:22 |

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| S11 | 658  | (LOCOS or (local adj oxidation adj of adj silicon)) same (remov\$3 or etch\$3) same vapor                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 12:37 |
| S12 | 51   | S11 same recess\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 12:35 |
| S13 | 0    | (LOCOS or (local adj oxidation adj of adj silicon)) near3 (remov\$3 or etch\$3) near vapor                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 12:38 |
| S14 | 0    | (LOCOS or (local adj oxidation adj of adj silicon)) near5 (remov\$3 or etch\$3) near vapor                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 13:18 |
| S15 | 1134 | (LOCOS or (local adj oxidation adj of adj silicon)) near5 (remov\$3 or etch\$3)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 13:50 |
| S16 | 553  | S15 and (trench\$2 or groov\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 13:23 |
| S17 | 2    | (LOCOS or (local adj oxidation adj of adj silicon)) near5 (remov\$3 or etch\$3) same (vapor near2 etch\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 13:52 |
| S18 | 0    | (LOCOS or (local adj oxidation adj of adj silicon)) near5 (vapor near2 etch\$3)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 13:53 |

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| S19 | 385 | (vapor near2 etch\$3) near3 ("HF" or hydrofluoric)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 14:10 |
| S20 | 165 | S19 and (silicon adj dioxide)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 13:56 |
| S21 | 84  | (vapor near2 etch\$3) near3 ("HF" or hydrofluoric) and (NH3 or ammonia)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 14:14 |
| S22 | 34  | S21 and ((thermal near oxid\$4) or (silicon adj dioxide) or sio2)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 14:13 |
| S23 | 7   | (vapor near2 etch\$3) near3 ("HF" or hydrofluoric) same (NH3 or ammonia) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/01 14:14 |